## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67648
Application Number	not yet assigned
Filing Date	April 15, 2004
First Named Inventor	Yogeshwar
Art Unit	not yet assigned
Examiner Name	not yet assigned

#### **U.S. PATENT DOCUMENTS**

NOTE: If this application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55).

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee		
/DNW/		4,142,071	02/27/79	Croisier et al.		
/DNW/		4,216,354	08/05/80	Esteban et al.		
/DNW/		4,464,783	08/07/84	Beraud et al.		
/DNW/	*	5,381,143	01/10/95	Shimoyoshi et al.		
/DNW/		5,454,011	09/26/95	Shimoyoshi et al.		
/DNW/		5,659,660	08/19/97	Plenge et al.		
/DNW/		5,835,495	11/10/98	Ferriere		
/DNW/		6,044,089	03/28/00	Ferriere		
/DNW/		6,496,868	12/17/02	Krueger et al.		
/DNW/		6,678,654	01/13/04	Zinser et al.		
Examiner's Initials*	Cite No. (optional)		OTHER DOCUMENTS			
/DNW/	·	Assuncao, P.A.A., et al., "Transcoding of Single-Layer MPEG Video Into Lower Ra IEE ProcVis. Image Signal Process., Vol. 144, No. 6, pp. 377-383 (December 199)				
/DNW/		Werner, O., "Requantization for Transcoding of MPEG-2 Intraframes," IEEE Transactions on Image Processing," Vol. 8, No. 2, pp. 179-191 (February 1999).				
/DNW/		Assuncao, P.A.A., et al. Reduction of MPEG-2 I	Assuncao, P.A.A., et al., "A Frequency-Domain Video Transcoder for Dynamic Bit-Rate Reduction of MPEG-2 Bit Streams," IEEE Transactions on Circuits and Systems for Video Technology," Vol. 8, No. 8, pp. 953-967 (December 1998).			

EXAMINER SIGNATURE:	/David Werner/	DATE	IDERED: 09/06/200	007
------------------------	----------------	------	-------------------	-----

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

			Attorney Docket Number	3382-67648	
			Application Number	not yet assigned	
INFOR	MATION	N DISCLOSURE STATEMENT	Filing Date	April 15, 2004	
	E	BY APPLICANT	First Named Inventor	Yogeshwar	
			Art Unit	not yet assigned	
	•		Examiner Name	not yet assigned	
Examiner's Initials*	Cite No. (optional)	ro	THER DOCUMENTS		
/DNW/		Youn, J., et al., "Video Transcoder Streams," ACM Multimedia 1999,		_	
/DNW/		Assuncao, P.A.A., et al., "Buffer A Transactions on Circuits and System (February 2000).	nalysis and Control in CBR V	video Transcoding," IEEE	
/DNW/	3V	Werner, O., "Generic Quantiser for Coding Symposium, Berlin, Germa		o," Proc. 1997 Picture	
/DNW/		Tudor, P.N., et al., "Real-Time Tran U.K., 6 pp. (1997).		Bit Streams," BBC R&D,	
/DNW/		Amir, E., et al., "An Application Le pp. (November 1995).	evel Video Gateway," Proc. A	CM Multimedia 95, 10	
/DNW/		Acharya, S., et al., "Compressed Do of Multimedia Computing and Syst	_	₹	
/DNW/		Vishwanath, M., et al., "A VLSI An Encoding/Decoding of Video Using	rchitecture for Real-Time Hie	rarchical	
/DNW/		Shanableh, T., et al., "Heterogeneous Video Transcoding to Lower Spatio-Temporal Resolutions and Different Encoding Formats," IEEE Transactions on Multimedia, 31pp. (June 2000).			
/DNW/		Keesman, G. et al., "Transcoding of Communication 8, pp. 481-500 (19)		Processing: Image	
/DNW/		Shanableh, T., et al., "Transcoding 2000 Proceedings, Volume IV of V	of Video Into Different Enco		
/DNW/		SMPTE, "SMPTE 327M-2000 – M (January 2000).			
/DNW/		Knee, et al., "Seamless Concatenati	ion – A 21 <sup>st</sup> Century Dream,"	13 pp. (1997).	
/DNW/		Dipert, "Image Compression Articl	e Addendum," EDN Magazin	e, June 18, 1998, 8 pp.	
/DNW/	-	Fogg, "Questions That Should Be F (1996).	Frequently Asked About MPE	G," Version 3.8, 46 pp.	
/DNW/ Wiegand et al, "Overview of the H.264/AVC Coding Standard," IEEE Trans. on Circuits and Systems for Video Technology, Vol. 13, No. 7, pp 560-576 (July 2003).					
/DNW/		Brightwell et. al., "Flexible Switchi Amsterdam, 11 pp. (1997).	ing and Editing of MPEG-2 V	ideo Bitstreams, IBC-97,	
EXAMINER SIGNATURE: DATE CONSIDERED: 09/06/2007					

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67648
Application Number	not yet assigned
Filing Date	April 15, 2004
First Named Inventor	Yogeshwar
Art Unit	not yet assigned
Examiner Name	not yet assigned

		Examiner Name not yet assigned					
Examiner's Cite No. Initials* (optional)		OTHER DOCUMENTS					
/DNW/ Leventer et al., "Towards Optimal Bit-Rate Control in Video Transcoding," ICIP, > (2003).							
/DNW/ Tektronix Application Note, "Measuring and Interpreting Picture Quality in MPEG Compressed Video Content," 8 pp. (2001).							
/DNW/ Crooks, "Analysis of MPEG encoding techniques on Picture Quality," Tektron Application Note, 11 pp. (June 1998).							
/DNW/		Tan et al., "On the Methods and Performances of Rational Downsizing Video Transcoding," Signal Processing: Image Communication 19, pp. 47-65 (2004).					
<del></del>							

EXAMINER SIGNATURE:	/David Werner/	DATE CONSIDERED	09/06/2007
51611111 6165.	<u> </u>	CONSIDERAD	

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

KBR:kbr / 09/20/05 3382-67648-01 430466.doc 307445.01

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Attorney Docket Number	3382-67648-01		
	Application Number	10/826,974		
	Filing Date	April 15, 2004		
	First Named Inventor	Yogeshwar		
	Art Unit	2621		
	Examiner Name	not yet assigned		

#### U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/DNW/	-	5,623,424	April 22, 1997	Azadegan et al.
/DNW/		5,970,173	October 19, 1999	Lee et al.
/DNW/		6,370,502	April 9, 2002	Wu et al.
/DNW/		6,522,693	February 18, 2003	Lu et al.
/DNW/		6,650,705	November 18, 2003	Vetro et al.
/DNW/		6,728,317	April 27, 2004	Demos
/DNW/		6,757,648	June 29, 2004	Chen et al.
/DNW/		20050075869	April 7, 2005	Gersho et al.
			·	
, ,				
			·	

EXAMINER SIGNATURE:	/David Werner/	DATE 09/06/2007

Information Disclosure Statement (1449) Page 1 of 1

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

## PINFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 3382-67648-01
Application Number 10/826,974
Filing Date April 15, 2004
First Named Inventor Yogeshwar
Art Unit 2621
Examiner Name not yet assigned

oct & a sour

#### U.S. PATENT DOCUMENTS

Copy S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/DNW/		20040136457	July 15, 2004	Funnell et al.

## **U.S. PATENT APPLICATION DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Number	Filing Date	Name of App	olicant or Patentee
DNW		60/341,674	December 17, 2001	Lee et al.	10/321415
DNW		60/488,710	July 18, 2003	Srinivasan et al.	
DNW		60/501,081	September 7, 2003	Srinivasan et al.	
DNW		60/501,133	September 7, 2003	Holcomb et al.	

### **FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee	
/DNW/	•	WIPO	WO 01/95633	December 13, 2001	Panusopone et al.	
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS				
/DNW/		Sun et al., "Lossless Coders," <u>Digital Signal Processing for Multimedia Systems</u> , Chapter 15, pp. 385-416 (1999).				
/DNW/		Haskell et al., <u>Digital Video: an Introduction to MPEG-2</u> , Table of Contents, International Thomson Publishing, 6 pp. (1997).				
/DNW/		Sun et al., "Architectures for MPEG Compressed Bitstream Scaling," IEEE Transactions on Circuits and Systems for Video Technology," Vol. 6, No. 2, pp. 191-199 (April 1996).				
/DNW/		Braun et al., "Motion-Compensating Real-Time Format Converter for Video on Multimedia Displays," <i>Proceedings IEEE 4th International Conference on Image Processing (ICIP-97)</i> , Vol. I, pp. 125-128 (1997).				

EXAMINER SIGNATURE: /David Werner/	DATE CONSIDERED: 09/06/2007	
------------------------------------	--------------------------------	--

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67648-01		
Application Number	10/826,974		
Filing Date	April 15, 2004		
First Named Inventor	Yogeshwar		
Art Unit	2621		
Examiner Name	not yet assigned		

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS			
/DNW/		ISO/IEC, "ISO/IEC 11172-2, Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 2: Video," 112			
		pp. (1993). ISO/IEC, "JTC1/SC29/WG11 N2202, Information Technology - Coding of Audio-Visual			
/DNW/		Objects: Visual, ISO/IEC 14496-2," 329 pp. (1998).			
/DNW/		ITU-T, "ITU-T Recommendation H.261, Video Codec for Audiovisual Services at p x 64 kbits," 25 pp. (1993).			
/DNW/		ITU-T, "ITU-T Recommendation H.262, Information Technology - Generic Coding of Moving Pictures and Associated Audio Information: Video," 205 pp. (1995).			
/DNW/		ITU-T, "ITU-T Recommendation H.263, Video coding for low bit rate communication," 162 pp. (1998).			
/DNW/		Joint Video Team (JVT) of ISO/IEC MPEG & ITU-T VCEG, "Joint Final Committee Draft (JFCD) of Joint Video Specification," JVT-D157, 207 pp. (August 2002).			
/DNW/		Microsoft Corporation, "Microsoft Debuts New Windows Media Player 9 Series, Redefining Digital Media on the PC," 4 pp. (September 4, 2002) [Downloaded from the World Wide Web on May 14, 2004].			
/DNW/		Mook, "Next-Gen Windows Media Player Leaks to the Web," <i>BetaNews</i> , 17 pp. (July 2002) [Downloaded from the World Wide Web on August 8, 2003].			
/DNW/		Reader, "History of MPEG Video Compression – Ver. 4.0," 99 pp., document marked December 16, 2003.			
/DNW/		Printouts of FTP directories from http://ftp3.itu.ch, 8 pp. (downloaded from the World Wide Web on September 20, 2005.)			

EXAMINER /David Werner/	DATE CONSIDERED:	09/07/2007
-------------------------	---------------------	------------

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Attorney Docket Number	3382-67648-01
Application Number	10/826,974
Filing Date	April 15, 2004
First Named Inventor	Yogeshwar
Art Unit	2621
Examiner Name	

#### **U.S. PATENT DOCUMENTS**

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/DNW/		5,243,420	9.7.1993	Hibi
/DNW/		5,463,424	10.31.1995	Dressler
/DNW/		5,617,142	4.1.1997	Hamilton
/DNW/		6,426,977	7.30.2002	Lee et al.

### FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
				·	
***				·	

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/DNW/		Gibson et al., Digital Compression for Multimedia, "Chapter 4: Quantization," Morgan
IDINVI		Kaufman Publishers, Inc., pp. 113-138 (1998).
/DNW/		Gibson et al., Digital Compression for Multimedia, "Chapter 7: Frequency Domain
/DIVV/		Coding," Morgan Kaufman Publishers, Inc., pp. 227-262 (1998).
/DNW/		Hamming, Digital Filters, Second Edition, "Chapter 2: The Frequency Approach,"
/DIVV/		Prentice-Hall, Inc., pp. 19-31 (1977).
/DNW/ Swann et al., "Transcoding of MPEG-II for Enhanced Resilience to Transmission		Swann et al., "Transcoding of MPEG-II for Enhanced Resilience to Transmission Errors,"
,5,,,,,		Cambridge University Engineering Department, Cambridge, UK, pp. 1-4 (1996).

EXAMINER /David Werner/ SIGNATURE:	DATE CONSIDERED:	09/07/2007
------------------------------------	---------------------	------------

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.